

ARNOLD URBAN DISTRICT COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH, 1941.

Public Health Department,  
Council House,  
ARNOLD.

June, 1942.

the Chairman and Members of the  
ARNOLD URBAN DISTRICT COUNCIL.

Ladies and Gentlemen,

I herewith submit my Report on the health of the Arnold Urban District for 1941.

It is only one giving the necessary information to the Ministry of Health and is devoid of any elaboration.

There is however in it sufficient to show that the district enjoys a large measure of good health - and that the Maternity and Child Welfare work has very materially contributed to this good result.

1941.

ANNUAL STATISTICS- ARNOLD U.D.

Population	...	...	...	19,060
Births	Live	289.	M = 151. F = 138	
	Still	12.	(1 Illegitimate)	
	Illegitimate	16.		
Deaths	189.	M = 99. F = 90.		
Infantile Deaths	15.	1 Illegitimate.		
Maternal Deaths	...	...	...	Nil
Birth Rate per 1,000 of the population	...			15.7
Death Rate	" " " "	"	...	9.9
Infantile Mortality Rate per 1,000 live Births				52

England & Wales.      Arnold.

Birth Rate	...	...	14.7	15.7
Death Rate	...	...	12.9	9.9
Infantile Death Rate	...	59	52	
Maternal Mortality	...	2.23	Nil	
Deaths under 2 years from Diarrhoea & Enteritis per 1,000 live births		5.1	Nil	

Natural and Social Statistics.

Area (in acres)	...	...	...	4,505
Population 1931	...	...	...	14,470
" 1941	...	...	...	19,060
Inhabited Houses	...	...	...	6,080
Rateable Value	...	...	...	£ 108,329
Produce of 1d Rate	...	...	...	£ 437
General Rate	...	...	...	12/- in the £1



CAUSES OF DEATH.

			M.	F.
Cerebro-Spinal Fever	...	...	1.	1.
Whooping Cough	...	...	4.	2.
Pulmonary Tuberculosis	...	...	10.	2.
Influenza	...	...	-	1.
Cancer	...	...	20.	17.
Diabetes	...	...	-	1.
Diseases of Brain (Vascular)	...	...	12.	14.
Heart Disease...	...	...	10.	20.
Other Circulatory Diseases	...	...	2.	2.
Bronchitis	...	...	9.	8.
Pneumonia	...	...	1.	6.
Peptic Ulcer	...	...	3.	-
Other Digestive Diseases	...	...	2.	1.
Nephritis	...	...	-	2.
Premature Birth	...	...	-	2.
Congenital Defects	...	...	4.	2.
Road Traffic Accidents	...	...	2.	1.
Violence	...	...	5.	-
All Other Causes	...	...	14.	8.
			99.	90.
			<u>=====</u>	<u>=====</u>

One fourth of these deaths were in persons over 75.

No deaths from Diphtheria, Scarlet Fever, Typhoid or Measles during 1941.

Cancer - 37 deaths.

Whooping Cough - 6 deaths.

The number of children immunised against Diphtheria in 1941 was :-

Under 5 - 307

Over 5 - 2,016

TOTAL 2,323 or over 75% of the child population.

INFECTIOUS DISEASES NOTIFIED UP TO JANUARY 3rd, 1942.

			<u>Deaths.</u>	<u>Removed to Hospital.</u>
Para-Typhoid Fever	1	...	Nil	-
Scarlet Fever	62	...	"	8
Whooping Cough	47	...	6	-
Diphtheria	8	...	Nil	6
Measles	106	...	"	-
Pneumonia	5	...	7	-
Puerperal Pyrexia	1	...	Nil	-
(Pulmonary Tuberculosis	19	...	13	13 (San)
(Other	"	4	Nil	
Cerebro-Spinal Fever	5	...	"	5
Ophthalmia Neonatorum	1	...	"	-



TUBERCULOSIS.

Age Periods.	NOTIFIED.				DIED.			
	Respiratory.		Non- Respiratory.		Respiratory.		Non- Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	-	-	-	-	-	-	-	-
1 to 5 years ...	-	-	1	-	-	-	-	-
5 to 15 years ...	-	-	-	1	-	-	-	-
15 to 25 " ...	1	4	-	1	1	2	-	-
25 to 35 " ...	3	4	-	1	3	1	-	-
35 to 45 " ...	1	-	-	-	-	-	-	-
45 to 55 " ...	2	-	-	1	3	1	-	-
55 to 65 & over X	4	-	-	-	4	-	-	-
TOTALS	11	8	1	3	11	2	-	-

X 2 cases notified only after death.

There has been no appreciable increase in the incidence of Tuberculosis.

No. of cases on Register	...	January 1st, 1941	106
" " " added to or restored to Register	...		1
" " " removed from Register	...		21
" " " on the Register	...	December 31st, 1941	109 X
No. of new notifications	...	...	23

X Revised figure going back to 1913 increases the number still on the Register by 10.

There has been no difficulty in getting cases of Infectious Disease into Hospital and Sanatorium.

Additional facilities in the way of another 36 beds will be available in 1942.

Mr. G. C. Hopkins, C.R.S.I., and Certificate in Meat and Other Foods was appointed temporary additional Sanitary Inspector.

There is no local steam disinfecter but articles can be sent to nearby stations by arrangement.

The Ambulance for Infectious cases is obtained by arrangement with Carlton or the Hospital concerned.

MATERNITY & CHILD WELFARE.

Births notified by Midwives	...	...	169
" " " Doctors, parents and other authorities	...	...	132
Still Births	...	...	12
Total Births	...	301	
Illegitimate Births	...	16	
Home Visiting :- Ante-natal	...	...	175
Visits (under 1 year)	...	...	819
" (over 1 year)	...	...	931
Special Visits	...	...	189



MATERNITY & CHILD WELFARE. (Cont'd)

There are three Infant Welfare Centres open singly 4 afternoons a week.

The total attendances were 7,226 children under 5 years and 6372 mothers.

This is an increase on 1940 of 973 children's attendances and 862 mothers'. 274 new infants were enrolled and 149 new children over 1 year.

The Ante-Natal Clinic is open once weekly and is attended by a rota of local general practitioners.

189 cases were seen and 9 post-natal cases advised.

Institutional Treatment was sought in 30 confinements.

At the various Centres:-

712 bottles of Oil - 466 bottles of black currant syrup and 2236 tins of Puree were distributed by voluntary helpers.

Voluntary helpers attend each Centre on a rota and have proved of great service.

The Centres are not very suitable owing to lack of adequate accommodation.

A central "ad hoc" clinic will be built in more propitious times.

A perusal of the Vital Statistics will show that the district is very healthy

The one exception possible is that the 6 deaths from Whooping Cough is capable of improvement.

The Children's Hospital at Nottingham sees all surgical cases referred from the Centres and the Basford County Institution and the Peel Street Hospital for women, receive midwifery cases requiring Hospital treatment either due to complications or undesirable home conditions.

EXTRACT FROM THE REPORT OF THE PUBLIC ANALYST.

Milk: 26 samples were taken - 25 proved correct.

The incorrect sample was found to contain 4.7% of added water and the defaulter cautioned.

Examined by the County Bacteriologist - Milk (Special Designations) Orders, 1936 - 1938.

Result.

Number of Samples taken :-	Result.		Failed to Comply
	Complied	Failed to Comply	
Tuberculin Tested	...	-	-
Accredited	...	4	1
	4	3	1



## 5.

Informal Samples of Milk Tested by the Inspectors by  
"GERBER" Tester.

Result.

	Correct	Incorrect.
Number of Samples taken by the Inspectors	38	37 1
" " " " at Farms	...	- - "
" submitted by Milk Vendors to the Inspectors	5	4 1
	<hr/> 43	<hr/> 41 <hr/> 2

Yours faithfully,

B. C. STEVENS, M.D., D.P.H.

Acting Medical Officer of Health.

